HANDLING OF AN UNRECOVERABLE ERROR ON A DEDICATED CHANNEL

Abstract

User equipment (UE) can detect a Radio Link Control (RLC) unrecoverable error and a Radio Link (RL) failure. The two errors are handled differently while the UE is in a dedicated channel (DCH) state. The RL failure leads to execution of Radio Access Bearer (RAB) release steps, characterized by utilizing respective timer values to determine if associated RABs should be released. The RLC unrecoverable error is not permitted to execute the RAB release steps. This prevents unnecessary dropping of services. The UTRAN can optionally include and set the indicators to command the UE to perform the indicated RLC re-establishmentprocedure.